RAW SEQUENCE LISTING
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Application Serial Number: *10/761,435*

Source: *IFWO*

Date Processed by STIC: *1/30/04*

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Revised 10/08/03

IFWO

RAW SEQUENCE LISTING   DATE: 01/30/2004
PATENT APPLICATION: **US/10/761,435**   TIME: 14:54:06

Input Set : **A:\SeqList 1975_0180003.ST25.txt**
Output Set: **N:\CRF4\01302004\J761435.raw**

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   4         Bruenker, Peter
   5         Ferrara, Claudia
   6         Suter, Tobias
   8 <120> TITLE OF INVENTION: Fusion Constructs and Use of Same to Produce Antibodies with
   9         Increased Fc Receptor Binding Affinity and Effector Function
  11 <130> FILE REFERENCE: 1975.0180003
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/761,435
C--> 13 <141> CURRENT FILING DATE: 2004-01-22
  13 <150> PRIOR APPLICATION NUMBER: US 60/441,307
  14 <151> PRIOR FILING DATE: 2003-01-22
  16 <150> PRIOR APPLICATION NUMBER: US 60/491,254
  17 <151> PRIOR FILING DATE: 2003-07-31
  19 <150> PRIOR APPLICATION NUMBER: US 60/495,142
  20 <151> PRIOR FILING DATE: 2003-08-15
  22 <160> NUMBER OF SEQ ID NOS: 20
  24 <170> SOFTWARE: PatentIn version 3.2
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**Does Not Comply
Corrected Diskette Needed**
(P9. 1-2, 5-6)

ERRORED SEQUENCES

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      843 <212> TYPE: PRT
      844 <213> ORGANISM: Homo sapiens
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      848 1               5                   10                  15
      851 Val Val Ile Phe Ser Leu Tyr Leu Met Leu Asp Arg Gly His Leu Asp
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860     50              55              60
864 Asn Asn Glu Ile Ile Ser Asn Ile Arg Asp Ser Val Ile Asn Leu Ser
865 65              70              75              80
868 Glu Ser Val Glu Asp Gly Pro Lys Ser Ser Gln Ser Asn Phe Ser Gln
869             85              90              95
872 Gly Ala Gly Ser His Leu Leu Pro Ser Gln Leu Ser Leu Ser Val Asp
873             100             105             110
877 Thr Ala Asp Cys Leu Phe Ala Ser Gln Ser Gly Ser His Asn Ser Asp
878         115             120             125
881 Val Gln Met Leu Asp Val Tyr Ser Leu Ile Ser Phe Asp Asn Pro Asp
882     130             135             140
886 Gly Gly Val Trp Lys Gln Gly Phe Asp Ile Thr Tyr Glu Ser Asn Glu
887 145             150             155             160
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891             165             170             175
894 Asp Pro Gly Trp Leu Lys Thr Phe Asn Asp Tyr Phe Arg Asp Lys Thr
895             180             185             190
898 Gln Tyr Ile Phe Asn Asn Met Val Leu Lys Leu Lys Glu Asp Ser Arg
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902 Arg Lys Phe Ile Trp Ser Glu Ile Ser Tyr Leu Ser Lys Trp Trp Asp
903     210             215             220
906 Ile Ile Asp Ile Gln Lys Lys Asp Ala Val Lys Ser Leu Ile Glu Asn
907 225             230             235             240
910 Gly Gln Leu Glu Ile Val Thr Gly Gly Trp Val Met Pro Asp Glu Ala
911             245             250             255
914 Thr Pro His Tyr Phe Ala Leu Ile Asp Gln Leu Ile Glu Gly His Gln
915             260             265             270
918 Trp Leu Glu Asn Asn Ile Gly Val Lys Pro Arg Ser Gly Trp Ala Ile
919         275             280             285
922 Asp Pro Phe Gly His Ser Pro Thr Met Ala Tyr Leu Leu Asn Arg Ala
923     290             295             300
926 Gly Leu Ser His Met Leu Ile Gln Arg Val His Tyr Ala Val Lys Lys
927 305             310             315             320
930 His Phe Ala Leu His Lys Thr Leu Glu Phe Phe Trp Arg Gln Asn Trp
931             325             330             335
934 Asp Leu Gly Ser Val Thr Asp Ile Leu Cys His Met Met Pro Phe Tyr
935             340             345             350
938 Ser Tyr Asp Ile Pro His Thr Cys Gly Pro Asp Pro Lys Ile Cys Cys
939         355             360             365
942 Gln Phe Asp Phe Lys Arg Leu Pro Gly Gly Arg Phe Gly Cys Pro Trp
943     370             375             380
946 Gly Val Pro Pro Glu Thr Ile His Pro Gly Asn Val Gln Ser Arg Ala
947 385             390             395             400
950 Arg Met Leu Leu Asp Gln Tyr Arg Lys Lys Ser Lys Leu Phe Arg Thr
951             405             410             415
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958  Thr Glu Trp Asp Leu Gln Phe Lys Asn Tyr Gln Gln Leu Phe Asp Tyr
959          435         440             445
962  Met Asn Ser Gln Ser Lys Phe Lys Val Lys Ile Gln Phe Gly Thr Leu
963      450             455             460
966  Ser Asp Phe Phe Asp Ala Leu Asp Lys Ala Asp Glu Thr Gln Arg Asp
967  465             470             475                 480
970  Lys Gly Gln Ser Met Phe Pro Val Leu Ser Gly Asp Phe Phe Thr Tyr
971          485             490             495
974  Ala Asp Arg Asp Asp His Tyr Trp Ser Gly Tyr Phe Thr Ser Arg Pro
975          500             505             510
978  Phe Tyr Lys Arg Met Asp Arg Ile Met Glu Ser His Leu Arg Ala Ala
979          515             520             525
982  Glu Ile Leu Tyr Tyr Phe Ala Leu Arg Gln Ala His Lys Tyr Lys Ile
983      530             535             540
986  Asn Lys Phe Leu Ser Ser Ser Leu Tyr Thr Ala Leu Thr Glu Ala Arg
987  545             550             555                 560
990  Arg Asn Leu Gly Leu Phe Gln His His Asp Ala Ile Thr Gly Thr Ala
991          565             570             575
994  Lys Asp Trp Val Val Val Asp Tyr Gly Thr Arg Leu Phe His Ser Leu
995          580             585             590
998  Met Val Leu Glu Lys Ile Ile Gly Asn Ser Ala Phe Leu Leu Ile Leu
999          595             600             605
1003 Lys Asp Lys Leu Thr Tyr Asp Ser Tyr Ser Pro Asp Thr Phe Leu Glu
1004         610             615             620
1007 Met Asp Leu Lys Gln Lys Ser Gln Asp Ser Leu Pro Gln Lys Asn Ile
1008 625             630             635                 640
1011 Ile Arg Leu Ser Ala Glu Pro Arg Tyr Leu Val Val Tyr Asn Pro Leu
1012         645             650             655
1015 Glu Gln Asp Arg Ile Ser Leu Val Ser Val Tyr Val Ser Ser Pro Thr
1016         660             665             670
1019 Val Gln Val Phe Ser Ala Ser Gly Lys Pro Val Glu Val Gln Val Ser
1020         675             680             685
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1024     690             695             700
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1028 705             710             715                 720
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1035 Lys Asn Lys Val Glu Asp Ser Gly Ile Phe Thr Ile Lys Asn Met Ile
1036         740             745             750
1039 Asn Thr Glu Glu Gly Ile Thr Leu Glu Asn Ser Phe Val Leu Leu Arg
1040     755             760             765
1043 Phe Asp Gln Thr Gly Leu Met Lys Gln Met Thr Lys Glu Asp Gly
1044     770             775             780
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1060                    835                    840                    845
1063 Val Arg Leu Tyr His Ile Gln Gly Ile Glu Gly Gln Ser Val Glu Val
1064        850                    855                    860
1067 Ser Asn Ile Val Asp Ile Arg Lys Val Tyr Asn Arg Glu Ile Ala Met
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1071 Lys Ile Ser Ser Asp Ile Lys Ser Gln Asn Arg Phe Tyr Thr Asp Leu
1072                    885                    890                    895
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1079 Gln Ala Asn Val Tyr Pro Met Thr Thr Met Ala Tyr Ile Gln Asp Ala
1080        915                    920                    925
1083 Lys His Arg Leu Thr Leu Leu Ser Ala Gln Ser Leu Gly Val Ser Ser
1084        930                    935                    940
1087 Leu Asn Ser Gly Gln Ile Glu Val Ile Met Asp Arg Arg Leu Met Gln
1088 945                    950                    955                    960
1091 Asp Asp Asn Arg Gly Leu Glu Gln Gly Ile Gln Asp Asn Lys Ile Thr
1092                    965                    970                    975
1095 Ala Asn Leu Phe Arg Ile Leu Leu Glu Lys Arg Ser Ala Val Asn Thr
1096              980                    985                    990
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1100        995                    1000                   1005
1103 Thr Ser  Ser Leu Met Asn His  Pro Val Ile Pro Met  Ala Asn Lys
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1107 Phe Phe  Ser Pro Thr Leu Glu  Leu Gln Gly Glu Phe  Ser Pro Leu
1108        1025                   1030                   1035
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1112        1040                   1045                   1050
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1116        1055                   1060                   1065
1119 Ile Leu  His Arg Lys Gly Phe  Asp Cys Arg Phe Ser  Ser Lys Gly
1120        1070                   1075                   1080
1123 Thr Gly  Leu Phe Cys Ser Thr  Thr Gln Gly Lys Ile  Leu Val Gln
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1128 Lys Leu  Leu Asn Lys Phe Ile  Val Glu Ser Leu Thr  Pro Ser Ser
1129        1100                   1105                   1110
1132 Leu Ser  Leu Met His Ser Pro  Pro Gly Thr Gln Asn  Ile Ser Glu
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1137        1130                   1135                   1140
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VERIFICATION SUMMARY   DATE: 01/30/2004
PATENT APPLICATION: **US/10/761,435**   TIME: 14:54:08

Input Set : **A:\SeqList 1975_0180003.ST25.txt**
Output Set: **N:\CRF4\01302004\J761435.raw**

L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:838 M:252 E: No. of Seq. differs, <211> LENGTH:Input:3432 Found:3435 SEQ:17
L:1140 M:252 E: No. of Seq. differs, <211> LENGTH:Input:1143 Found:1144 SEQ:18